

# Weekly Metrics for April 13 - 19, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Factor	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GSFC GSFC	0.8	1X Baseline	1	U
				0.8	1X Baseline	1	U
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC NSIDC	41	1X Baseline	16	X
				41	1X Baseline	16	X
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	93	A, V
		L1 Prod	GSFC	400	1X Baseline	362	A, V
		L2 - 3 Prod	GSFC	35	0.5X Baseline	81	A, V
		Archive	GSFC	533	Baseline	537	A, V
		Distribution	GSFC				
	AMSR-E	<i>Production</i>				99	
		<i>End users</i>		435	1X Baseline	8	
		<i>Data Pool</i>				1	W
		L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	0	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	6	C
		Distribution	NSIDC				
		<i>Production</i>				7	
		<i>End Users</i>		17	0.5X Baseline	0.4	C, G
	CERES	Archive	LaRC	58	Baseline	Included	See Footnote S
		Distribution	LaRC			In	
	MODIS	<i>Testing/QA</i>		1,421	IT Requirements	Terra	
		<i>End Users</i>		107	1X Baseline	CERES	
		L0 Ingest	GSFC	469	1X Baseline	498	
		L1 Prod	GSFC	2,498	1X Baseline	2,382	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	2,972	R
		Archive	EDC	540	Baseline	1,982	R
			GSFC	3,172	Baseline	910	R
			NSIDC	56	Baseline	81	R
		Distribution	GSFC				
		<i>Testing/QA</i>		362	IT Requirements	427	
		<i>To MODAPS/LaRC</i>				2,237	
		<i>End Users</i>		2,703	1X Baseline	131	G, O
		<i>Data Pool</i>				49	W
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.9	D
		Distribution	LaRC				
		<i>End Users</i>		0.02	1X Baseline	2	
ACRIMSAT (12/99)	ACRIM 3	<i>Production</i>				2	
		Archive	LaRC	0.06	1X Baseline	0	D
	ASTER	L1A Ingest	EDC	680	1X Baseline	378	E
		L1B Ingest	EDC	271	1X Baseline	111	E
		L2-L3 Prod	EDC	1,203	3X Baseline	220	E
		Archive	EDC	2,154	Baseline	1,087	E
		Distribution	EDC				
	CERES	<i>End Users</i>		1,352	1X Baseline	933	G, O, P
		Archive	LaRC	351	Baseline	82	S
		Distribution	LaRC				
		<i>Testing/QA</i>		1,421	IT Requirements	0	
		<i>End Users</i>		117	1X Baseline	1,094	G, O
	MISR	L0 Ingest	LaRC	249	1X Baseline	249	
		L1 Prod	LaRC	3,323	3X Baseline	1,080	F

Terra (12/99)		L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i>	LaRC LaRC LaRC	281 3,853  137 1,201	3X Baseline Baseline  IT Requirements  1X Baseline	152 1,480  141 3,146 607	F F   G, O
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive    Distribution <i>End Users</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i>	GSFC GSFC MODAPS EDC GSFC JPL NSIDC EDC  GSFC   JPL NSIDC	469 7,494 14,254 8,606 12,772 0 839  2,869 362 4,101 0 280	1X Baseline 3X Baseline 3X Baseline Baseline (L2-L4) Baseline (L0-L4) Baseline (L2-3) Baseline (L2-L3)  1X Baseline IT Requirements  1X Baseline  Baseline 1X Baseline	518 8,078 9,899 8,114 10,060 18 332  1,101 866 10,410 2,155 137 2 31	M Q, T  I, Q I, Q  G, O W  G, O
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	2 2 2 5  1	1X Baseline 3X Baseline 3X Baseline Baseline  1X Baseline	2 9 10 22  5 33	J J J  G, O
	Landsat-7 (4/99)	ETM+ Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	988 35	
	Jason-1 (12/01)	Poseidon 2 Archive (L0+) Distribution	JPL JPL	NA NA	NA NA	2 4	K
	QuikScat (6/99)	SeaWinds Archive (L0+) Distribution	JPL JPL	109	Weekly Average	41 282	K
	TOPEX (8/92)	Poseidon Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 7	K
	Other Missions	AVHRR Archive (L2+) Distribution	JPL JPL	NA NA	NA NA	52 62	L

Notes:

- Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until March - April 2003. Regular delivery to US science team is not expected to occur before May 2003.
- Data from these instruments are not transmitted to DAAC daily.
- Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- Very little reprocessing was done.
- Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- Includes reprocessed L1 – 2 products received from MOPITT SIPS.
- Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- Includes distribution of educational materials, in addition to AVHRR SST products.

- M. Actual archival volume includes that of the reprocessing campaign in addition to the current data.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- V. HSB is still in survival mode..
- W. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- X. Due to data anomaly observed on March 29, Laser #1 was shut down on the same day. The plan is to power on the Laser #1 after the anomaly has been thoroughly investigated. If the restart of Laser #1 is not successful, Laser #2 will be turned on.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).